APPENDIX D

Survey of Earned Doctorates Questionnaire Academic Year 1998

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Please print your name in full:

First Name Last Name Suffix (e.g., Jr.)

Cross reference: Birth name or former name legally changed

Survey of Earned Doctorates

July 1, 1997 to June 30, 1998

Conducted by

The National Opinion Research Center at the University of Chicago for

The National Science Foundation

The National Institutes of Health

The National Endowment for the Humanities

The U.S. Department of Education

The U.S. Department of Agriculture

This information is solicited under the authority of the National Science Foundation Act of 1950, as amended, ALL INFORMATION YOU PROVIDE WILL BE TREATED AS CONFIDENTIAL and used only for research or statistical purposes by your doctoral institution, the survey sponsors, their contractors, and collaborating researchers for the purpose of anlayzing data, preparing scientific reports and articles, and selecting samples for a limited number of carefully defined follow-up studies. Your social security number is also solicited under the NSF Act of 1950, as amended. Providing it is also voluntary. It is used for survey quality control, program evaluation, and for matching with other databases. Any information publicly released (such as statistical summaries) will be in a form that does not personally identify you. Your response is voluntary and failure to provide some or all of the requested information will not in any way adversely affect you.

The time needed to complete this form varies according to individual circumstances, but the average time is estimated to be 20 minutes. If you have comments regarding this time estimate, you may write to the National Science Foundation, 4201 Wilson Blvd., Arlington, VA 22230, Attention: NSF Reports Clearance Officer.

NATIONAL SCIENCE FOUNDATION 4201 WILSON BOULEVARD ARLINGTON, VIRGINIA 22230

To the Doctorate Recipient:

Congratulations on earning a doctoral degree! This is an important accomplishment for you. Your accomplishment is also significant for both this nation and others, as the new knowledge generated by research doctorates enhances the quality of life in this country and throughout the world. Because of the importance of persons earning research doctorates, several Federal agencies—listed on the cover—sponsor this Survey of Earned Doctorates.

The basic purpose of this survey is to gather objective data about doctoral graduates. These data are important in improving graduate education both at your home institution and beyond. Often, decisions made by governmental and private agencies to develop new programs, or to support present ones, are based in part on the data developed from this survey.

This form is distributed by the Graduate Deans and is filled out by all persons who have completed the requirements for a research doctoral degree. Please print your name on the cover if you have not already done so, and then complete this questionnaire and return it to the Graduate Dean. The confidentiality of the information you provide is carefully protected.

On behalf of the sponsoring Federal agencies, I thank you for your participation in this survey.

Best wishes,

Jeanne E. Griffith

Director, Division of Science Resources Studies

INSTRUCTIONS

Thank you for taking the time to complete this important questionnaire. Directions are provided for each question. Because not all questions will apply to everyone, you may be asked to skip certain questions.

- If you have not already done so, please print your name on the front cover.
- You may use either a pen or pencil.
- When answering questions that require marking a box, please use an "X."
- If you need to change an answer, please make sure that your old answer is either completely erased or clearly crossed out.
- On pages 8 and 9 (inside the back cover) is a Specialties List for classifying your field(s) of specialization in Questions A2, A10, B5, and B9.

Thanks again for your help; we really appreciate it.

PART A - Education

A1. What is the title of your dissertation?		A5. (IF FULL-TIME EMPLOYED) What type of position did you hold?				
	Please mark (X) this box if the title below refers to a performance, project report or a musical or literary composition required instead of a dissertation	Mark (X) one				
Title		College or university, faculty College or university, non-faculty Elementary or secondary school, teaching Elementary or secondary school, non-teaching Industry or business Other - Specify				
	g the Specialties List (pages 8-9), please write the e and number of the field of your dissertation arch.	A6. In what state or country was the high school/secondary school that you last attended? State (if U.S.)				
Name	e of field					
Num	ber of field	OR Country (if not U.S.)				
equi	r receiving your first bachelor's degree (or valent), and including the period spent on your ertation, how many years were you a <u>full-time</u> ent?	A7. When did you graduate from high school/ secondary school?				
	Years (whole numbers)	Month Year				
your	se check the category that most fully describes employment or study status during the year ediately before the award of the doctorate.	A8. Please name the department (or interdisciplinary committee, center, institute, etc.) of the university that supervised your doctoral program.				
Mark	x (X) one	\square Mark (X) box if none				
0	Full-time employed → GO to A5 Held fellowship Held assistantship Part-time employed Not employed Other - Specify A6	Department/Committee/Center/Institute/Program A9. Please name the school or college within the university that supervised your doctoral program.				
\		School or College within University				

\square Mark	(X) box if bachelor	's degree (or equiva	ılent) v	was ne	ver received.				
	(X) box if master's	degree (or equivale	ent) wa	is neve	r received.				
EXAMPLE			Ve	ears	Field of Stud	ly	Degr	ree (if a	any)
	Institution and Lo	cation		ended	Use Specialties List, pages 8-9			Gra	anted
Institution	0 11 1 1 1 1 1	,	From	То	Field Name	Number	Title	Mo.	Yr.
Branch or City Madras	Institute of Technology State or Province	Logy Country (if not U.S.) India	83	85	Mechanical Engineering	345			
Institution			From	То	Field Name	Number	Title	Mo.	Yr.
	sity of California State or Province	Country (if not U.S.)	6.5	87	Mechanical Engineering	345	B.S.	6	87
Berkeley	CA				engineering				
					Field of Street	1	Dogs	ree (if a	2011)
	Institution and Lo	cation		ears ended	Field of Stud	-	Degi		anted
Institution			From	То	Field Name	Number	Title	Mo.	Yr.
Branch or City	State or Province	Country (if not U.S.)							
Institution			From	То	Field Name	Number	Title	Mo.	Yr.
Branch or City	State or Province	Country (if not U.S.)	_						
T. C. C.			E	T-	E-14 Name	Normaliana	T:41-	M-	N.
Institution			From	То	Field Name	Number	Title	Mo.	Yr.
Branch or City	State or Province	Country (if not U.S.)	-						
Institution			From	То	Field Name	Number	Title	Mo.	Yr.
Branch or City	State or Province	Country (if not U.S.)							
·		, , ,							'
Institution			From	То	Field Name	Number	Title	Mo.	Yr.
Branch or City	State or Province	Country (if not U.S.)	_						
Institution			From	То	Field Name	Number	Title	Mo.	Yr.
	Q								
Branch or City	State or Province	Country (if not U.S.)							

A11. Which of the following were sources of money to cover living and/or educational expenses during your doctoral programs?				A13. When you receive your doctoral degree, how much money will you owe that is directly related to your undergraduate and/or graduate education (tuition		
	Mark (X) Yes or No for each	Yes	No	Don't Know	and fees, living expenses and supplies, transportation to and from school)?	
a.	Loans (from any source)	1 🗆	2		0 □ None	
b.	Foreign (non-U.S.) support	1 🗆	2		1 □ \$5,000 or less	
c.	Fellowship, scholarship	1 🗆	2		2 🗆 \$5,001 - \$10,000	
d.	Dissertation grant	1 🗆	2		3 □ \$10,001 - \$15,000	
e.	Teaching assistantship	1 🗆	2 		4 🗆 \$15,001 - \$20,000	
f.	Research assistantship	1 🗆	2		5 🗆 \$20,001 - \$25,000	
g.	Traineeship	1 🗆	2		6 🗆 \$25,001 - \$30,000	
h.	Internship or residency	1 🗆	2		D 020 001	
i.	Personal savings	1 🗆	2 🗆		7 □ \$30,001 or more	
j.	Other personal earnings during	1 🗆	2 🗆			
	graduate school					
k.	Spouse's, significant other's, or	1 🗆	2 🗆			
	family earnings or savings					
1.	Employer reimbursement/assistance	1 🗆	2 🗆			
m.	Other - Specify	1 🗆	2 🗆			
					PART B - Postgraduation Plans	
					B1. How definite are your immediate postgraduate plans?	
					Mark (X) one	
A12.	Which TWO sources listed in A11 support? Enter letters of primary and secondary			most	0 ☐ Am returning to, or continuing in, predoctoral employment 1 ☐ Have signed contract or made definite commitment for other work or study 2 ☐ Am negotiating with one or more specific organizations GO to B2, page 5	
	Primary source of support				3 ☐ Am seeking position but have no specific prospects 4 ☐ Other - Specify ☐	
					▼ B3,	
	\square Mark (X) if no prima	ry sour	ce			
	2 Secondary source of suppo	ort				
	\square Mark (X) if no second	dary so	urce			
Λ.						

B2. Please name the organization and geographic location where you will work or study.	B7. For what type of employer will you be working?
The state of the s	Mark (X) one
Name SKIP to B4	EDUCATION a □ U.S. 4-year college or university other than medical school
City State Country (if U.S.) (if not U.S.)	 b □ U.S. medical school c □ U.S. junior or community college d □ Elementary or secondary school
B3. In what state or country do you intend to live after graduation?	e ☐ Foreign institution
Mark (X) one	GOVERNMENT f ☐ Foreign government g ☐ U.S. federal government
0 □ in U.S. → State	h □ U.S. state government i □ U.S. local government
1 □ not in U.S. → Country	
B4. What best describes your immediate postgraduate plans?	PRIVATE SECTOR j □ Nonprofit organization k □ Industry or business
Mark (X) one	1 ☐ Self-employed
0 □ Postdoctoral fellowship 1 □ Postdoctoral research associateship 2 □ Traineeship 3 □ Other study - Specify ↓	OTHER m□ Other - Specify ———————————————————————————————————
4 \square Employment (other than 0,1,2,3) 5 \square Military service 6 \square Other - Specify \longrightarrow to B7	B8. From the list below, please indicate what your primary and secondary work activities will be by entering the numbers of your selections in the appropriate boxes: Enter numbers from below: a. Primary Activity
B5. Please use the Specialties List (pages 8-9) to enter the	
name and number of your postdoctoral field.	b. Secondary Activity
Name of field Number of field	 Research and development Teaching Administration Professional services to individuals
B6. What will be the main source of financial support for your postdoctoral study/research?	5 Other - Specify —
Mark (X) one	
0 □ U.S. Government 1 □ College or university 2 □ Private foundation SKIP	B9. Please use the Specialties List (pages 8-9) to enter the name and number of the field in which you will be working.
3 \square Nonprofit, other than private foundation 4 \square Other - Specify \square	Name of field
•	Number of field
6 🗆 Unknown	

PART C - Background Information

C1. Are you -			C6. What is your date of birth?				
1 ☐ Male 2 ☐ Female			Month Day Year				
C2. What is your marital stat	us?		C7. What is your citizenship status?				
Mark (X) one 1 □ Married 2 □ Living in a marriage 3 □ Widowed 4 □ Separated/divorced 5 □ Never married C3. Not including yourself, he have - that is, how many half of their support from Number C4. What is the highest educations are supported.	ow many depen others receive a 1 you?	dents do you t least one	Mark (X) one U.S. Citizen: 0 □ Native Born 1 □ Naturalized □ → SKIP to C9 Non-U.S. Citizen: 2 □ With a Permanent U.S. Resident Visa 3 □ With a Temporary U.S. Resident Visa C8. (IF A NON-U.S. CITIZEN) Of which country are you a citizen?				
mother and father? Mark (X) one for each pare	ent		(Specify country of present citizenship)				
Less than high school/ secondary school High-school/secondary- school graduate Some college Bachelor's degree Master's degree Professional degree Doctoral degree C5. What is your place of bir	a. Mother ↓ 1 □ 2 □ 3 □ 4 □ 5 □ 6 □ 7 □ th?	b. Father ↓ 1 □ 2 □ 3 □ 4 □ 5 □ 6 □ 7 □	C9. Are you a person with a disability? 1 □ Yes 2 □ No → SKIP to C11 C10. (IF YES) Which of the following categories describes your disability? 1 □ Visual 2 □ Orthopedic (mobility) 3 □ Auditory (hearing) 4 □ Vocal 5 □ Other - Specify →				
OR Country (if not U.S.)			C11. Are you Hispanic? 0 □ Yes → GO to C12, page 7 1 □ No → SKIP to C13, page 7				

C12. (IF YES TO C11) Which of the following describes your Hispanic origin or descent?	C14. Please fill in your U.S. Social Security Number.
 0 □ Mexican American 1 □ Puerto Rican 2 □ Other Hispanic - Specify □ 	
C13. What is your racial background? Mark (X) one O	C15. In case we need to clarify some of the information you have provided, please list a telephone number and e-mail address (if available) where you can be reached. Daytime telephone Evening telephone E-mail address
	o employment over time, we may be recontacting you. To one number of one person who is likely to know where in this questionnaire, complete confidentiality will be
City/Town	State or Province Zip Code or Postal Code
Country (if outside U.S.)	Phone Number (including area or country code)
C17. Please sign and date.	1
Signature	Date
☐ Mark (X) box if you would like a summary of the resu	alts of this survey (available as funding permits).
Results of the Survey of Earned Doctorates can be for page at http://www.nsf.gov/sbe/srs/stats.htm	and on the National Science Foundation's World Wide Web
Please use the back cover to make any additional comment	ts you may have about this survey.
Thank you for completing the questionnaire. Please return Earned Doctorates, National Opinion Research Center at tal. IL 60615. Should you need to call us, our toll free number	the University of Chicago, 1525 East 55th Street, Chicago,

SPECIALTIES LIST

INSTRUCTIONS: The following field listing is to be used in responding to items A2, A10, B5, and B9. If you choose a field marked with an asterisk (*), please write in your field of specialization in the space provided in those items.

AGRICULTURAL SCIENCES 100 Agricultural Foomomies 100 Agricultural Foomomies 101 Animal Breeding & Genetics 102 Dairy Science 103 Poultry Science 104 Poultry Science 105 Fisheries Sci. & Management 106 Animal Sciences, Other* 107 Animal Sciences, Other* 108 Agricultural Sci. & Management 109 Animal Sciences, Other* 100 Agrosomy & Crop Science 101 Pan Breeding & Genetics 102 Agronomy & Crop Science 103 Plann Pathology (Sea also 120) 104 Food Sciences, Other* 105 Plant Sciences, Other* 106 Soil Chemistry Microbiology 107 Forest Management 108 Forest Brigmeering 109 Forest Management 100 Forest Management 101 Onserv-Renewable Natural Res, 100 Agrosomy & Pathology 101 Gomesto, Renewable Natural Res, 100 Agricultural Sci., Other* 101 Spinophistry 102 Wood Sci. & Pulp-Paper Tech. 103 Agricultural Sci., Other* 108 Agricultural Sci., Other* 109 Agricultural Sci., Other* 100 Biochemistry 100 Biochemistry 101 Biological Sciences, Other* 102 Biologyain Research 103 Biomedical Sciences, Other* 104 Conserv-Renewable Natural Res, 105 Biophysis 106 Biochemistry 107 Forest Management 108 Agricultural Sci., Other* 109 Agricultural Sci., Other* 100 Biochemistry 100 Biochemistry 101 Biological Immunology 102 Plant Pathology (See also 030) 103 Biomedical Sciences 104 Foundation Research 105 Biophysio Research 106 Biochemistry 107 Forest Management 108 Ectricology 109 Biologyain Research 109 Agricultural Sci., Other* 100 Biochemistry 101 Biological Immunology 102 Plant Pathology (See also 103) 103 Biometrics & Biostatistics 104 Foundations 105 Biophysiology 106 Plant Physiology 107 Genetics Human & Animal 108 Cecinology 109 Botany, Other* 100 Research Services 100 Computer Sciences 100 Research Services 100 Research S	aster	asterisk (*), please write in your field of specialization in the space provided in those items.							
1900 Agricultural Business & Mgmt. 198 Biological Sciences, General 440 Logic (See also 785)	AGF	RICULTURAL SCIENCES	189	Zoology, Other*	435	Geometry			
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Datiny Science Pathology & Audiology Pathology &									
1912 Dairy Science 194 Poultry Science 194 Poultry Science 194 Poultry Science 195 Fisheries Sci. & Management 195 Pathology & Audiology 240 194 Poultry Science 194 Pathology (See also 120) 194 Animal Sciences, Other* 195 Public Health Systems/Service Admin. 196 Public Health Systems/Service Admin. 197 Public Health Systems/Service Admin. 197 Public Health Systems/Service Admin. 198 Public Health Systems/Service Admin.					455	Topology			
Pathology & Audrology 450 Operations Research	012	Dairy Science	200		460				
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The State State of State State	050	Horticulture Science							
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	079	Forestry & Related Sci., Other*							
Agricultural Sci., General Agricultural Sci., Other* BIOLOGICAL SCIENCES 321 Communications 322 Communications 323 Communications 324 Electrical & Electronics 325 Medicimal/Pharmaceutical 326 Electrical & Electronics 327 Engineering Mechanics 328 Medicimal/Pharmaceutical 329 Engineering Physics 330 Engineering Physics 331 Engineering Physics 332 Engineering Physics 333 Engineering Science 333 Engineering Science 334 Theoretical 335 Environmental Health Engineering 336 Environmental Health Engineering 337 Engineering Science 338 Environmental Health Engineering 339 Engineering Science 330 Environmental Health Engineering 330 Environmental Health Engineering 331 Engineering Science 332 Chemistry, General 333 Engineering Science 334 Theoretical 335 Chemistry, General 336 Chemistry, Other* 337 Ecology 348 Metallurgical 349 Metallurgical 340 Anatomy 351 Mining & Mineral 353 Ceological & Related Sciences 354 Geology 355 Geoolemistry 358 Geology 359 Engineering Science 359 Ceological & Related Sciences 350 Cean 351 Mining & Mineral 352 Endocrinology 350 Ocean 351 Mining & Mineral 352 Molecular Biology 352 Medicimal/Pharmaceutical 353 Physical 353 Physical 354 Heoretical 355 Chemistry, General 357 Nuclear 358 Chemistry 359 Geological & Related Sciences 350 Ceondemistry 350 Ceen Science 351 Chemistry, General 352 Chemistry 353 Chemistry 354 Geology 355 Geological & Related Sciences 356 Geology 357 Systems 357 Paleontology 358 Engineering, General 359 Engineering Science 359 Stratigraphy & Sedimentation 350 Stratigraphy & Sedimentation 350 Stratigraphy & Sedimentation 351 Mineralogy & Petrology 351 Biological Immunology 352 Immunology 353 Engineering Science 354 Chemistry 355 Geology & Related Sci., Other* 354 Chemistry 355 Geology & Related Sci., Other* 355 Geology & Related Sci., Other* 357 Physics 358 Chemistry 359 Ceology & Related Sci., Other* 358 Chemistry 359 Ceology & Related Sci., Other* 359 Chemistry 350 Geology & Related Sci., Other* 350 Fluids 350 Chromical & Adminal 350 Physical 351 Metalingingingingingingi	080	Wildlife/Range Management				Chemistry			
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SPECIALTIES LIST (continued)

	Solid State & Low-Temperature		Letters		English Education
578	Physics, General		Classics		Foreign Languages Education
579	Physics, Other*	723			Health Education
	M. II. B. 1.10.1		Linguistics	870	Home Economics Education
500	Miscellaneous Physical Sciences		Literature, American	872	Tech. & Indust. Arts Education
	Environmental Science		Literature, English		Mathematics Education
	Hydrology & Water Resources		English Language		Music Education
	Oceanography	736	1		Nursing Education
595	Marine Sciences		Letters, General		Physical Education & Coaching
599	Misc. Physical Sciences, Other*	739	Letters, Other*		Reading Education
DCV	CHOLOGY		Foreign Languages and Literature	884	
	Clinical	740	Foreign Languages and Literature French	885	Social Science Education
603	Cognitive & Psycholinguistics	743	German	887	Technical Education
606	Comparative	746	Italian	888	Trade & Industrial Education
609	Counseling	749	Spanish	889	Teacher Educ., Specific Acad. &
612	Developmental & Child		Russian		Voc. Prog., Other*
613	Human/Indiv. & Family Devlpmt.	755	Slavic (other than Russian)		Other Education
	Experimental	758	Chinese	909	Other Education
	Educational (See also 822)	762	Japanese		Education, General
	Family & Marriage Counseling		Hebrew	099	Education, Other*
	Indust. & Organiz. (See also 935)	768	Arabic	PRC	OFESSIONAL FIELDS
	Personality	769	Other Languages & Literature*	1110	TESSIONAL FIELDS
627	Physiological/Psychobiology	707	Other Languages & Elterature		Business Management and
630	Psychometrics		Other Humanities		Administrative Services
	Quantitative	770	American Studies	900	Accounting
636	-	773	Archeology		Banking/Financial Support Serv.
639	Social	776	Art History/Criticism/Conserv.	910	Business Admin. & Management
648	Psychology, General	780	Music	915	Business/Managerial Economics
	Psychology, Other*	785	Philosophy (See also 440)	916	International Business
0.5	1 by enerogy, o uner	790	Religion (See also 984)	917	Mgmt. Info. Sys./Bus. Data Proc.
SOC	CIAL SCIENCES	795	Drama/Theater Arts	920	8 4 8
650	Anthropology	798	Humanities, General	930	Operations Research
652	Area Studies	799	Humanities, Other*		(See also 363, 465)
658	Criminology	EDI	JCATION		Organiz. Behavior (See also 621)
662	Demography/Population Studies		Curriculum & Instruction		Bus. Mgmt./Admin. Serv., Gen.
666	Economics			939	Bus. Mgmt./Admin. Serv., Other*
668	Econometrics		Educational Admin. & Supervision Educational Leadership		Communications
670	Geography		Educ./Instruct. Media Design	040	Communications
	International Relations/Affairs		Educ. Stat./Research Methods		Communications Research
1	Political Sci. & Government	820	Educ. Assess./Test./Meas.		Mass Communications
682	Public Policy Analysis	822	Educ. Psychology (See also 618)		Communication Theory Communications, General
686	Sociology	825		959	
690	Statistics (See also 450)	830	Social/Phil. Found. of Education	737	(See also 736)
694	Urban Affairs/Studies	835	Special Education		(See also 750)
698	Social Sciences, General	840	-		Other Professional Fields
699	Social Sciences, Other*		Higher Education/Eval. & Research	960	Architec. Environ. Design
		0.15	Tilghor Eddeditoli, Eval. & Research		Home Economics
HUI	MANITIES		Teacher Education		Law
	History	850	Pre-elementary/Early Childhood		Library Science
700	History American		Elementary		Parks/Rec./Leisure/Fitness
$\frac{700}{703}$	History, Agian	856	Secondary		Public Administration
703	History, Asian	858	Adult & Continuing	980	
	History, European		The solution of Division	984	Theol./Religious Education
710	History/Philosophy of Sci. & Tech.	0.00	Teaching Fields		(See also 790)
718	History, General History, Other*		Agricultural Education	988	Professional Fields, General
/19	mstory, Other		Art Education		Professional Fields, Other*
1		862	Business Education		,

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OTHER FIELDS*
999 Other

	Co	mments Ab	out This Su	rvey	
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